



SECOR  
INTERNATIONAL  
INCORPORATED

www.secork.com

April 22, 2005

Mr. Mark Verhey  
Humboldt County Department of Public Health  
100 H Street  
Eureka, CA 95501

RE: **Quarterly Summary Report – First Quarter 2005**  
SECOR Project No.: 77CP.60009.01.5313

Dear Mr. Verhey:

On behalf of ConocoPhillips, SECOR International Incorporated (SECOR) is forwarding the quarterly summary report for the following location:

**Service Station**

76 Service Station 5313

**Location**

1980 Central Avenue  
McKinleyville, California

Sincerely,  
**SECOR International Incorporated**

Thomas M. Potter  
Staff Scientist

Attachments: SECOR's *Quarterly Status Report*  
Attachment 1: Regulatory Correspondence

cc: Mr. Thomas Kosel, ConocoPhillips  
Big Oil and Tire Co., Inc., 1980 Central Avenue, McKinleyville, CA 95521

**QUARTERLY MONITORING REPORT AND  
REMEDIAL PERFORMANCE SUMMARY  
First Quarter 2005**

76 Service Station No. 5313  
1980 Central Avenue  
McKinleyville, California

City/County ID #: McKinleyville

County: Humboldt

**PREVIOUS ASSESSMENT**

The site is located at 1980 Central Avenue in McKinleyville, California and is an operating 76 service station. The operating facility consists of three gasoline underground storage tanks (USTs), one waste oil UST (operated by others), associated product lines, and four dispenser islands.

In September 1997, Tosco Marketing Company (Tosco, now ConocoPhillips) conducted a soil gas survey at the site. Analysis of soil vapor samples collected in the vicinity of the underground storage tanks (USTs) and product dispensers during the survey detected concentrations of petroleum hydrocarbons.

In July 1998, Environmental Resolutions Inc. (ERI) installed four on-site groundwater monitoring wells (MW-1 through MW-4). Analysis of soil samples collected during well installation did not detect petroleum hydrocarbons at or above the laboratory reporting limits.

In February 2000, ERI performed a supplemental subsurface evaluation including installation of two off-site monitoring wells (MW-5 and MW-6) in the downgradient direction of the groundwater flow. One soil sample was analyzed from MW-5 and reported as below laboratory detection limits for all analytes. A soil sample was not analyzed from MW-6.

In March and April 2002, one 500-gallon used-oil UST and two hydraulic hoists were removed from the site. Elevated hydrocarbon concentrations were detected in one soil sample from the used-oil UST, subsequently this area was overexcavated. Following the overexcavation, total petroleum hydrocarbons as diesel (TPHd) were detected up to 17 milligrams per kilogram (mg/kg) and TPH as motor oil (TPHmo) were detected up to 42 mg/kg in soil samples collected from the former UST cavity. TPHd and TPHmo were detected at concentrations up to 130 mg/kg and 260 mg/kg from soil samples collected from the former hoist area.

## SENSITIVE RECEPTORS

In 2000, ERI performed a groundwater receptor survey within a 2,000-foot radius of the site. The survey included a door-to-door well and basement survey within a 1,000-foot radius, and a survey of underground utility lines. No groundwater receptors were identified. The subsurface utility study identified a sanitary sewer line at a total depth of 7 feet below ground surface (bgs). ERI concluded that the sewer line may act as a preferential pathway for hydrocarbon affected groundwater movement during periods of increased groundwater elevation.

## MONITORING AND SAMPLING

Due to case closure, the site has been removed from the monitoring and sampling program.

## Remediation Status

Currently, there is no active remediation occurring at the site.

## CHARACTERIZATION STATUS

Groundwater at the site has very low concentrations of petroleum hydrocarbons and appears to be delineated. Historically, MtBE was present in downgradient well MW-6 at low concentrations; however, the MtBE concentrations in this well have decreased with time. Currently, this site meets water quality objectives.

## RECENT SUBMITTALS / CORRESPONDENCE

On February 8, 2005, the Humboldt County Department of Public Health submitted a letter to ConocoPhillips recommending site closure (Attachment 1).

## DISCUSSION

The Humboldt County Department of Public Health has determined that this site needs no further monitoring and/or remediation action. In order to complete the closure process and receive the *Remedial Action Completion Certificate* SECOR International (SECOR) will abandon the four wells located on the site and the two wells located off the site.

## THIS QUARTER ACTIVITIES (First Quarter 2005)

1. Removed site from groundwater monitoring program.

## NEXT QUARTER ACTIVITIES (Second Quarter 2005)

1. SECOR will abandon all the wells at the site and submit a well abandonment report.

**ATTACHMENT 1**  
**REGULATORY CORRESPONDENCE**  
**FEBRUARY 8, 2005**

76 Service Station No. 5313  
1980 Central Avenue  
McKinleyville, California  
SECOR Project No.: 77CP.60009.01.5313



**Humboldt County Department of Health and Human Services**  
**DIVISION OF ENVIRONMENTAL HEALTH**

100 H Street - Suite 100 - Eureka, CA 95501  
Voice: 707-445-6215 - Fax: 707-441-5699 - Toll Free: 800-963-9241  
envhealth@co.humboldt.ca.us

February 8, 2005

ConocoPhillips  
Thomas H. Kosel  
76 Broadway Ave  
Sacramento, California 95818

**Subject: Tosco (76) Service Station #5313, 1980 Central Avenue**  
**McKinleyville, California LOP #12659**

Dear Mr. Kosel:

Our office has received notification the North Coast Regional Water Quality Control Board concurs with our January 6, 2005 recommendation for closure for the above site.

In order to complete the closure process and receive the *Remedial Action Completion Certificate*, please properly abandon all groundwater-monitoring wells on site by **April 8, 2005. Provide five days notice prior to the scheduled work date so that HCDEH staff may be present.**

It has been a pleasure working with you during the investigation of your site. Please contact me at 707.268.2239 if you have any questions or if I can be of future assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert A. Stone".

Robert A Stone, CHMM  
Hazardous Materials Specialist  
Local Oversight Program

BS: swb

cc Jed Douglas, Miller Brooks Environmental, Inc.

12659.015/ 342